

Am 518248

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



Rec'd PCT/PTC 12 DEC 2004



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/002902 A1

- (51) International Patent Classification⁷: **C02F 1/72**
- (21) International Application Number:
PCT/US2003/020114
- (22) International Filing Date: 25 June 2003 (25.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/391,568 26 June 2002 (26.06.2002) US
- (71) Applicant (for all designated States except US): **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BLOCK, Phillip, A.** [US/US]; 357 Willets Way, Chester Heights, PA 19061 (US). **SETHI, Dalbir, S.** [CA/US]; 184 Plainsboro Road, Cranbury, NJ 08512 (US). **BROWN, Richard, A.** [US/US]; 42 West Long Drive, Lawrenceville, NJ 08648 (US). **ROBINSON, David, S.** [US/US]; 113 Colony Place, Mount Laurel, NJ 08054 (US).
- (74) Agents: **SHEEHAN, John, M.** et al.; FMC Corporation, 1735 Market Street, Philadelphia, PA 19103 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OXIDATION OF ORGANIC COMPOUNDS

(57) **Abstract:** An improved method for treating organic compounds present in soil, groundwater and other environments is disclosed. The method involves the use of a peroxygen compound and a chelated transition metal.



WO 2004/002902 A1